

DNA, RNA, Protein Extraction and Purification

Ahead of the Curve.

Hudson Robotics can create the ideal workcell to meet your extraction and purification protocols – including nucleic acid extraction, plasmid and protein purification, and solid-phase extractions generally.

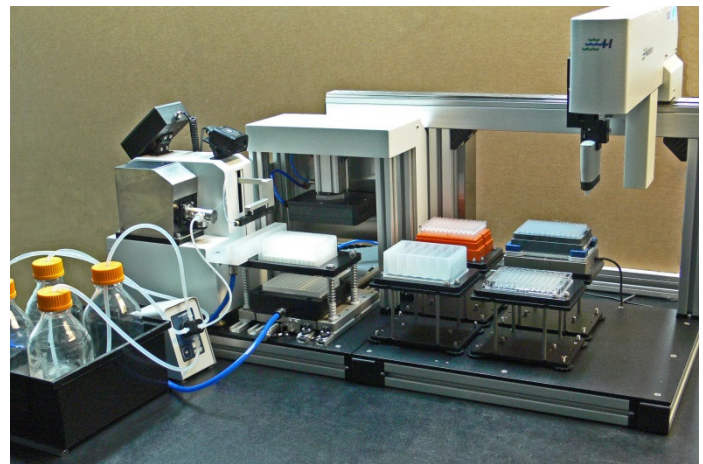
Hudson's Extraction and Purification Workcell represents the perfect solution for your demanding needs. It is a reliable, automated system to automate the tedious, error-prone tasks in your protocols, with the flexibility to support frequent changes in your process.

Our systems are supported by the acclaimed SoftLinX V automation control software system, allowing you to go beyond standard systems that are designed to run well-defined protocols.

Our unique combination of ease-of-use and flexibility is reflected in the system's user interface. Advanced users can create complex plug-ins that convert our workstations into customized research tools. Alternatively, Hudson-developed software wizards use simple graphics to lead the neophyte through the setup and implementation of the system.

Extraction and Purification Automation

- Handles any ANSI SLAS-standard microplate including 96, 384, as well as deep well blocks, spin filter plates and tip boxes.
- Supports a wide variety of DNA/RNA and protein extraction protocols from various bodily fluids, soils, plants and microbes.
- Filtration and separation by **pressure-based filtration** or **magnetic bead-based** separations.
- Small enough to fit into a standard laboratory hood.
- Plate stackers and robot arms are available completely automating multiple sample plates.
- All systems come with SoftLinX V Scheduling software. SoftLinX is an easy to use, drag and drop control program. Users can quickly and easily create automated methods.



**Extraction/Purification
Workcell**



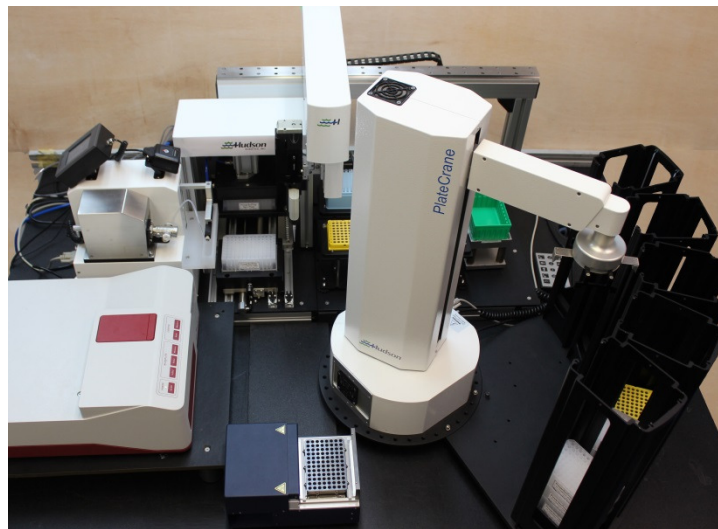
Corporate Headquarters:

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Applications

Our Extraction/Purification Workcell can be used to automate any and all stages of typical protocols, or may be used for simple pipetting and dispensing tasks.

- **DNA, RNA Extraction and Purification**
- **Plasmid MiniPrep**
- **Protein Purification**
- **Solid-phase Extractions of all kinds**



Fully-Automated Extraction/Purification Workcell

Synthetic Biology

Create a Greater Impact with Your Research

- **Increase the throughput and volume of results you can achieve**
- **Free up your time for more challenging scientific tasks**
- **Greatly improve the consistency, accuracy and reliability of data vs. manual methods**

These Optional Accessories are available:

- **Automated Magnetic Bead Nests**
- **Automated Colony-Picking and Re-Arraying**
- **Heating/Cooling Nests**
- **4-way Reagent Valve**
- **Orbital/Oscilating Shaker Nests**

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